

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, that I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention, design or discovery entitled:

A METHOD FOR OPTIMIZING A PLANT WITH MULTIPLE INPUTS

the specification of which was filed on December 31, 1998 and assigned Serial No. 09/224,648, and that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; that I do not know and do not believe that said invention, design or discovery was ever known or used in the United States of America before my invention or discovery thereof, or patented or described in any printed publication in any country before my invention or discovery thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application; that said invention, design or discovery has not been patented or made the subject of an inventor's certificate issued prior to the date of this Application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns; and that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with 37 C.F.R. § 1.56 (a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

NONE

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of 35 U.S.C § 112, I acknowledge the duty to disclose material information as defined 37 C.F.R. § 156 (a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

This application is a *Continuation-in-Part Application* of U.S. Patent Application Serial Number 09/167,504, filed October 6, 1998, and entitled "A METHOD FOR ONE-LINE OPTIMIZATION OF A PLANT," (Atty Dkt No. PAVI-24100), which is a

Continuation-in-Part Application of U.S. Patent Application Serial Number 08/943,489, filed October 3, 1997, and entitled "A METHOD FOR STEADY-STATE IDENTIFICATION BASED UPON IDENTIFIED DYNAMICS," which is a *Continuation-in-Part* of U.S. Patent Serial No. 08/643,464, filed May 6, 1996, and entitled "Method and Apparatus for Modeling Dynamic and Steady-State Processors for Prediction, Control, and Optimization."

I hereby appoint:

Gregory M. Howison, Reg. No. 30,646
Daniel V. Thompson, Reg. No. 29,706
Mark W. Handley, Reg. No. 36,821

all of the firm THOMPSON & HOWISON, L.L.P., my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications based thereon in any foreign country or before any international authorities under the Patent Cooperation Treaty.

Send Correspondence To:

THOMPSON & HOWISON, L.L.P.
P.O. Box 741715
Dallas, Texas 75374-1715

Direct Telephone Calls To:

Gregory M. Howison
at (972) 479-0462
Atty. Docket No. PAVI-24,541

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of the First Joint Inventor: **John P. Havener**

Inventor's Signature: John P. Havener

Date: 2/2/99

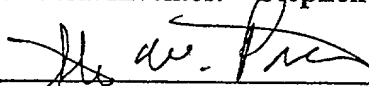
Residence (City, State): Austin, Texas

Citizenship: U.S.A.

Atty. Dkt. No.: PAVI-24,541

Post Office Address: 9815 Copper Creek Drive, #815, Austin, Texas 78729

Full name of the Second Joint Inventor: **Stephen Piche**

Inventor's Signature: 


Date: 2/8/99

Residence (City, State): Austin, Texas

Citizenship: U.S.A.

Post Office Address: 4002 Avenue C, Austin, Texas

Full name of the Third Joint Inventor: **Donald Semrad**

Inventor's Signature: 

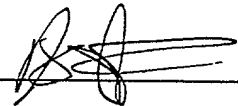
Date: 2/2/99

Residence (City, State): Cedar Park, Texas

Citizenship: U.S.A.

Post Office Address: _____

Full name of the Fourth Joint Inventor: ^{Brian K. Stevenson} **Kent Stevenson** ^{BKS}
~~Stephenson~~

Inventor's Signature: 

Date: 2/2/99

Residence (City, State): Round Rock, Texas

Citizenship: U.S.A.

Post Office Address: 4007 Stonebridge, Round Rock, TX 78681